

ASSOCIATE HYDRAULIC ENGINEER

\$6,720 – 7,617

Consistent with the CRB's mission, utilizes computer modeling and other electronic programs, accepted hydraulic engineering principles, research, and data collection and analysis in order to produce difficult oral written reports, evaluations and other technical documents and data for presentation to the CRB staff, 10-member Board, governmental entities and other stakeholders:

- As a team member assists in the production of technical hydrologic reports on quantity and quality of surface and ground water supplies throughout the Colorado River System in the United States and Mexico, and on the relationship between surface and groundwater supplies, current and proposed irrigation developments, and consumptive water use pertaining to the Colorado River System.
- As a team member assists in the development of technical hydrologic reports for use in the development of plans, procedures and policy to monitor and protect California's water and power rights and interests in the Colorado River System.
- As a team member assists in conducting Colorado River operations studies, and produces technical documents on surface and groundwater reservoirs in the Colorado River Basin in order to monitor and document real-time and projected Colorado River water availability measurements for use in developing River and reservoir operations policy.
- Attends meetings with technical and legal representatives from the seven Colorado River Basin States and numerous federal agencies in order to observe the discussion and analysis of current technical, legal and other relevant issues of concern to California. Presents and clarifies technical information as required.
- As a team member assists in producing studies and evaluations of technical legal documents and hydraulic engineering data used by other staff in order to ensure the adequacy and accuracy of legal interpretations regarding the use of water and power resources of the Colorado River, for use in Federal congressional, Federal, state and legal proceedings and in court.

REQUIREMENTS

License: Possession of a valid Certificate of Registration as a civil engineer issued by the California State Board of Registration for Professional Engineers

Experience: Three years of increasing responsible hydraulic engineering experience, two years of which shall have been in the performance of engineering work of average difficulty. (In California state service, the Assistant Engineer or Engineering Technician II level meet this two year specialized qualification.)

TAU HIRE: Will consider a TAU (Temporary Authorization) hire for applicants who have no California state transfer or reinstatement eligibility. As a TAU hire, the candidate must participate in an exam within nine months of the original appointment date. The candidate must score within the top three ranks of this exam in order to achieve eligibility for permanent appointment to California civil service.

FINAL FILE DATE: Until filled.

APPLICATION: All applicants must submit a completed standard state application, form STD 678, (www.spb.ca.gov/Employment/documents/capp.pdf) to:

Colorado River Board
770 Fairmont Ave., Suite 100
Glendale, CA 90026-0325

CONTACT: Marlene Martinez, 818-500-1625 extension 307

ADDITIONAL INFORMATION

MARGINAL FUNCTIONS

Not Applicable

DESIRABLE QUALIFICATIONS

- Tact and leadership
- Consensus builder
- Willingness to assume increasing responsibility

KNOWLEDGE AND ABILITIES

Knowledge of:

- Principles of hydraulic engineering
- Land surveying and duty of water
- Water Code and related water laws and court decisions

Ability to:

- Perform investigations of projects for the conservation and use of water
- Collect and analyze data on surface and underground water supplies
- Prepare detailed engineering reports
- Analyze situations accurately and adopt an effective course of action

SPECIAL PERSONAL CHARACTERISTICS

- Ability to work under pressure and meet deadlines
- Ability to work independently and as a team member
- Ability to use good judgment, tact and diplomacy
- Ability to communicate effectively, verbally and in writing, with a variety of individuals from a variety of local, state, federal and other organizations

ADDITIONAL QUALIFICATIONS

- Possession of a valid Certificate of Registration as a civil engineer issued by California State Board of Registration for Professional Engineers.

INTERPERSONAL SKILLS

- Not applicable

WORK ENVIRONMENT, PHYSICAL OR MENTAL ABILITIES

- Professional office environment
- Required effectiveness under stress, including ability to meet deadlines
- Frequent use of personal computer, related software applications and peripherals
- Travel in- and out-of-state, and overnight stay